

Contents

| | |
|--|------|
| List of Illustrations and Tables | ix |
| Preface | xiii |
| 1 A Model of Human Chemical Ecology | 1 |
| 2 Biological Adaptations for Dealing with Plant Toxins | 33 |
| 3 Technological Methods of Detoxification | 71 |
| 4 Domestication as a Solution for Dealing with Plant Toxins | 101 |
| 5 Human Perception, Cognition, and Behavior in Relation to Plant Chemicals | 160 |
| 6 Reconsidering the Model of Human Chemical Ecology | 195 |
| 7 Plant Chemical Defenses as Determinants of the Human Diet | 210 |
| 8 The Dietary Basis for the Origin of Human Medicine | 251 |
| Appendix 1 | |
| —Classification of Traditional Plant Processing Techniques | 293 |
| Appendix 2 | |
| —Traditional Methods of Plant Detoxification | 296 |
| Bibliography | 305 |
| Index | 339 |